

(19)日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11)特許出願公開番号

特開平7-213433

(43)公開日 平成7年(1995)8月15日

(51) Int.Cl.⁶

識別記号 庁内整理番号
101 B

F I

技術表示箇所

(21)出願番号 特願平6-33226

(22)出願日 平成6年(1994)2月7日

00400014

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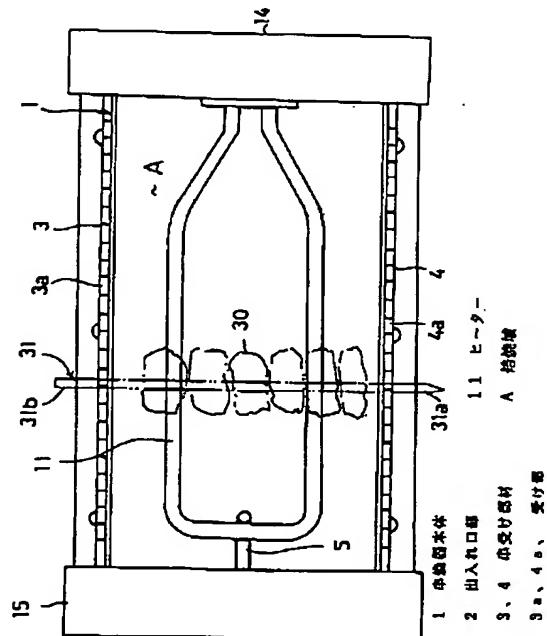
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(54) 【発明の名称】 串焼器

(57) 【要約】

【目的】 持ち運びが容易で、卓上に置いて数人で串焼きを楽しむことができる、肉等を串刺しした串専用の串焼器を提供することである。

【構成】 底面部1eを有しかつ上面が開口した筐体構成の串焼器本体1の相対向する一対の面部1a、1dの下部を開口して、受け皿25の出入り口部2を形成し、前記串焼器本体1の相対向する一対の面部1a、1dの上縁部に複数の串受け凹部3、4を形成し、前記串焼器本体1内を串焼域Aに成し、この串焼域Aにヒーター11を配置した。



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【特許請求の範囲】

【請求項1】 底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、前記串焼器本体の相対向する一対の面部の上縁側に複数の串受け部を設け、前記串焼器本体内を串焼域に成し、この串焼域にヒーターを配置したことを特徴とする串焼器。

【請求項2】 底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、串焼器本体の相対向する一対の面部の上縁側に、串焼器本体とは別体の串受け部材を設けたことを特徴とする串焼器。

【請求項3】 底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、串焼器本体の相対向する一対の面部の上縁側に、串焼器本体とは別体の串受け部材を移動調整可能に設けたことを特徴とする串焼器。

【請求項4】 串受け部材本体の上、下縁部に、左右方向に所定の間隔をおいて複数の串受け部を形成し、串受け部材本体の裏面の左右に係止突起を突設し、これらの係止突起から一方の串受け部までの距離L1を係止突起から他方の串受け部までの距離L2より小さくし、係止突起の端部に、串受け部材本体と略平行に当接部材を固着した串受け部材を備え、この串受け部材を、前記串受け部材本体と前記当接部材との間に、前記串焼器本体の前、後面部の上縁部を差し込んで前記串焼器本体に着脱可能に取り付けた請求項3記載の串焼器。

【請求項5】 串焼器本体に、串受け部材を上下方向に移動調整を行う移動調整機構を設けた請求項3記載の串焼器。

【請求項6】 前記串焼器本体の前、後面部の表側に左右の縦のガイド部材と横のガイド部材とを固着し、少なくとも左右の縦のガイド部材に串焼器本体の前、後面部に平行させてプレートを固着し、このプレートに左右方向に長い摺動孔を形成し、前記横のガイド部材にスライドブロックを移動可能に設け、このスライドブロックの上面を傾斜面に形成し、スライドブロックにハンドルピンを取り付けて、このハンドルピンを前記摺動孔より外方に突出し、前記左右の縦のガイド部材内に、上縁部に左右方向に所定の間隔をおいて串受け部を複数形成した串受け部材を挿入し、この串受け部材の下端部に、前記スライドブロックの傾斜面に摺接する傾斜面を形成した請求項3記載の串焼器。

【請求項7】 串受け部材本体の上縁部に、左右方向に所定の間隔をおいて複数の串受け部を形成し、串受け部材本体の左右に、上下方向に複数段に亘る横孔部とこれらの横孔部を縦に連ねる連絡孔部から成る段付き孔を形成し、串受け部材本体に外方に突出する摘み部材を取り付けた串受け部材を備え、前記串焼器本体の前、後面部の

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左右に取り付けたピン部材を前記段付き孔を貫通させて、前記串焼器本体の前、後面部に串受け部材を設けた請求項3記載の串焼器。

【発明の詳細な説明】

【0001】

【産業上の利用分野】 本発明は、肉等を串刺しした串専用の串焼器に関するものである。

【0002】

【従来の技術】 肉等を串刺しした串を焼り焼きする場合、七輪に掛けた金網上に肉等を串刺しした串を載せて焼り焼きするか、営業用では、中央に設けた加熱部の前後に串置部を設け、これらの串置部に、肉等を串刺しした串の先部および手元部を載せることにより焼り焼きするものがあった。

【0003】

【発明が解決しようとする課題】 しかしながら、上記従来の営業用の串焼器にあっては、一度の多くの串を焼り焼きするために加熱源にガスを使用しており、持ち運びが不便であるばかりか、卓上に置いて数人で串焼きを楽しむということができないのが現状であった。

【0004】 本発明は、上記の問題点に着目して成されたものであって、その第1の目的とするところは、持ち運びが容易で、卓上に置いて数人で串焼きを楽しむということができる、肉等を串刺しした串専用の串焼器を提供することにある。

【0005】 また、本発明の第2の目的とするところは、串とヒーターとの間の距離Lを可変にして、焼き具合を制御することができる串焼器を提供することにある。

【0006】

【課題を解決するための手段】 上記の第1の目的を達成するために、本発明は、底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、前記串焼器本体の相対向する一対の面部の上縁側に複数の串受け部を設け、前記串焼器本体内を串焼域に成し、この串焼域にヒーターを配置したことを特徴とする。

【0007】 また、上記の第1の目的を達成するため、本発明は、底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、串焼器本体の相対向する一対の面部の上縁側に、串焼器本体とは別体の串受け部材を設けたことを特徴とする。

【0008】 また、上記の第2の目的を達成するため、本発明は、底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、串焼器本体の相対向する一対の面部の上縁側に、串焼器本体とは別体の串受け部材を移動調整可能に設けたことを特徴とする。

【0009】 また、上記の第2の目的を達成するため

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に、本発明は、請求項3記載の串焼器において、串受け部材本体の上、下縁部に、左右方向に所定の間隔をおいて複数の串受け部を形成し、串受け部材本体の裏面の左右に係止突起を突設し、これらの係止突起から一方の串受け部までの距離l1を係止突起から他方の串受け部までの距離l2より小さくし、係止突起の端部に、串受け部材本体と略平行に当接部材を固着した串受け部材を備え、この串受け部材を、前記串受け部材本体と前記当接部材との間に、前記串焼器本体の前、後面部の上縁部を差し込んで前記串焼器本体に着脱可能に取り付けた。

【0010】また、上記の第2の目的を達成するためには、本発明は、請求項3記載の串焼器において、串焼器本体に、串受け部材を上下方向に移動調整を行う移動調整機構を設けた。

【0011】また、上記の第2の目的を達成するためには、本発明は、請求項3記載の串焼器において、前記串焼器本体の前、後面部の表側に左右の縦のガイド部材と横のガイド部材とを固着し、少なくとも左右の縦のガイド部材に串焼器本体の前、後面部に平行させてプレートを固着し、このプレートに左右方向に長い摺動孔を形成し、前記横のガイド部材にスライドブロックを移動可能に設け、このスライドブロックの上面を傾斜面に形成し、スライドブロックにハンドルピンを取り付け、このハンドルピンを前記摺動孔より外方に突出し、前記左右の縦のガイド部材内に、上縁部に左右方向に所定の間隔をおいて切欠きよりなる串受け部を複数形成した串受け部材を挿入し、この串受け部材の下端部に、前記スライドブロックの傾斜面に摺接する傾斜面を形成した。

【0012】また、上記の第2の目的を達成するためには、本発明は、請求項3記載の串焼器において、串受け部材本体の上縁部に、左右方向に所定の間隔をおいて複数の串受け部を形成し、串受け部材本体の左右に、上下方向に複数段に亘る横孔部とこれらの横孔部を縦に連ねる連絡孔部から成る段付き孔を形成し、串受け部材本体に外方に突出する摘み部材取り付けた串受け部材を備え、前記串焼器本体の前、後面部の左右に取り付けたピン部材を前記段付き孔を貫通させて、前記串焼器本体の前、後面部に串受け部材を設けた。

【0013】

【作用】かかる構成により、前記串焼器本体の串受け部に、肉等を串刺しした串の先部および手元部を載せることにより、前記串焼域に肉等を位置させ、前記ヒーターに通電し、これを赤熱させて肉等を串焼する。また、前記串と前記ヒーターとの間の距離l1を可変にして、焼き具合を制御する。

【0014】

【実施例】以下、本発明の一実施例を図面に基づいて説明する。図1は本発明に係わる串焼器の一部省略した分解状態の斜視図、図2は同串焼器の正面図、図3は同串焼器の平面図、図4は図2W方向からの矢視図である。

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【0015】本発明に係わる串焼器はステンレス製の板金で構成された串焼器本体1を備えており、この串焼器本体1は前面部1aと左、右面部1b、1cと後面部1dと底面部1eとを有しつつ上面が開口した筐体構成であり、前、後面部1a、1dの下部は開口していて、受け皿の出入り口部2を構成している。そして、前記串焼器本体1の前、後面部1a、1dの上側外部には串受け部材3、4が固着してある。これらの串受け部材3、4の上縁部には左右方向に所定の間隔をおいて複数の切欠きよりなる串受け部3a、4aが形成してあり、これら串受け部3a、4aは前記串焼器本体1の前、後面部1a、1dの上縁より上方に突出している。串受け部材3、4は熱伝導性の悪い材料、例えば、セラミックス等からなる。そして、前記串焼器本体1の上面の開口部が串焼域Aに成されている。

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【0016】また、前記串焼器本体1の右面部1cの内面の中央上部にはフック5が装着してある。すなわち、このフック5は側面L字形状をしており、その基部には取付板6が固着してあり、この取付板6が串焼器本体1の右面部1cの内面に固着してある。

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【0017】また、前記串焼器本体1の左面部1bの中央上部にはヒーター取付部8が形成してある。このヒーター取付部8は、前記左面部1bに開口した挿入孔部9を備えている。

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【0018】ヒーター11は電熱を利用したもので、棒状のヒーター本体11aを略U字形状に屈曲し、ヒーター本体11aの両端部をソケット12に接続したものである。そして、このソケット12には取付板部材13が固着してある。

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【0019】そして、前記ヒーター11は、そのソケット12を前記挿入孔部9に挿入して取付板部材13を前記串焼器本体1の左面部1bの内面にビス7で固着すると共に、前記ヒーター11の、ソケット12とは反対側の部位11bを前記フック5に引っ掛け前記串焼器本体1に装着してある。

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【0020】また、前記串焼器本体1の左、右面部1b、1cには熱遮蔽板14、15がビス(図示せず)等で取り付けある。左側の熱遮蔽板14は、前記串焼器本体1の左側部の形状に合わせてあり、この熱遮蔽板14の内面には前記串焼器本体1の左側部全体を受ける受け部16が形成してある。すなわち、この受け部16は、前記串焼器本体1の左面部1bの下縁部17を受ける上側受け面16aと、串焼器本体1の底面部1eに左縁部18を受ける下側受け面16bとを有している。また、熱遮蔽板14にはソケットケース部19が外方に突出させて形成してあり、また、熱遮蔽板14の上面部には外方に突出する取っ手部20が形成してある。

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【0021】そして、左側の熱遮蔽板14は、その受け部16の上側受け面16aで、前記串焼器本体1の左面部1bの下縁部17を受け、下側受け面16bで串焼器

本体1の底面部1eの左縁部18を受けていて、前記ソケット12をソケットケース部19に挿入し、左侧の熱遮蔽板14が前記串焼器本体1の左面部1bにビス等で固定してある。

【0022】また、右側の熱遮蔽板15は、前記串焼器本体1の右側部の形状に合わせてあり、この熱遮蔽板15の内面には前記串焼器本体1の右側部全体を受ける受け部21が形成してある。すなわち、この受け部21は、前記串焼器本体1の右面部1cの下縁部22を受ける上側受け面21aと、串焼器本体1の底面部1eに右縁部23を受ける下側受け面21bとを有している。また、熱遮蔽板15の上面部には外方に突出する取っ手部24が形成してある。

【0023】そして、右側の熱遮蔽板15は、その受け部21の上側受け面21aで、前記串焼器本体1の右面部1cの下縁部22を受け、下側受け面21bで串焼器本体1の底面部1eの左縁部23を受けていて、右側の熱遮蔽板15が前記串焼器本体1の右面部1cにビス等で固定してある。

【0024】また、前記串焼器本体1の底面部1eには受け皿25が載せてある。また、左側の熱遮蔽板14に、前記ヒーター11への通電のオン・オフを行うスイッチ26と、前記ヒーター11への供給電流を制御してヒーター11の発熱量を制御する制御部27とを設けてよい。

【0025】次に、上記のように構成された串焼器の使用を説明する。前記ソケット12に、電源側からのコードのプラグ(いずれも図示せず)を接続して前記スイッチ26をオン作動してヒーター11に通電し、これを赤熱させる。そして、前記串焼器本体1の串受け凹部3、4に、肉30等を串刺した串31の先部31aおよび手元部31bを載せることにより、前記串焼域Aに肉30等を位置させ、肉30等を串焼する。また、前記制御部27を操作して前記ヒーター11の発熱量を制御する。

【0026】また、前記ヒーター11への通電のオン・オフを行なうスイッチ26と、前記ヒーター11への供給電流を制御してヒーター11の発熱量を制御する制御部27とを省略してもよい。

【0027】(実施例2)この実施例のものは、別体の串受け部材3、4を用いずに、図5(1)に示すように前記串焼器本体1の前、後面部1a、1dの上側部に、直接に左右方向に所定の間隔をおいて複数の切欠きとなる串受け部3a、4aを形成したものであり、この場合、前記串焼器本体1の前、後面部1a、1dの上側部は一枚物であるが、図5(1)に示すようにこれら前、後面部1a、1dの上側部を折り曲げることにより二重壁構造にして、内部に断熱層32を形成してもよい。この断熱層32としては空気層、遮熱材を詰めた層等がある。他の構成は上記した実施例1のものと同様である。

【0028】(実施例3)この実施例は、前記串31と前記ヒーター11との間の距離Lを可変にすることにより、焼き具合を2段階に制御するようにしたものである。

【0029】この距離Lを可変にすることには、図6に示すように前記串焼器本体1の前、後面部1b、1dの上縁部に串受け部3a、4aを形成せずに、別体の串受け部材3、4を用いる。すなわち、前記串焼器本体1の前、後面部1b、1dの上縁部の左右には係止部33、34が形成してある。そして、前記串受け部材3、4の串受け部材本体の上、下縁部には、左右方向に所定の間隔をおいて複数の切欠きとなる串受け部3a、4aが形成してあり、串受け部材3、4の裏面に左右には係止突起35、36が突設してあり、これらの係止突起35、36から一方の串受け部3aまでの距離L1が係止突起35、36から他方の串受け部4aまでの距離L2より小さくしてある。そして、係止突起35、36の端部には、串受け部材3、4と略平行に当接部材37、38が固着してある。

【0030】そして、一方の串受け部3aを使用する場合には、図7(1)に示すように他方の串受け部4aを下にして当接部材37、38と前記串受け部材3、4の裏面間を、前記串焼器本体1の前、後面部1b、1dの上縁部に嵌めて係止突起35、36を係止部33、34に着脱可能に係止して、串焼器本体1の前、後面部1b、1dの上縁部に前記串受け部材3、4を装着する。この場合の前記串31と前記ヒーター11との間の距離Lは距離L1と前記ヒーター11から係止突起35、36までの距離L3(一定)とを加算したものである。

【0031】そして、前記串31と前記ヒーター11との間の距離Lをより大きくする場合には、前記串受け部材3、4の係止突起35、36を係止部33、34より抜いて、串受け部材3、4を反転し、図7(2)に示すように他方の串受け部4aを上に、一方の串受け部3aを下にして当接部材37、38と前記串受け部材3、4の裏面間を、前記串焼器本体1の前、後面部1b、1dの上縁部に嵌めて係止突起35、36を係止部33、34に着脱可能に係止して、串焼器本体1の前、後面部1b、1dの上縁部に前記串受け部材3、4を装着する。この場合の前記串31と前記ヒーター11との間の距離Lは距離L2と前記ヒーター11から係止突起35、36までの距離L3(一定)とを加算したものである。

【0032】(実施例4)この実施例は、図8乃至図11に示すように前記串31と前記ヒーター11との間の距離Lを無段階に可変にすることにより、焼き具合を制御するようにしたものである。

【0033】すなわち、前記串焼器本体1の前、後面部1b、1dの表側には左右の縦のガイド部材39、40と横のガイド部材41とが固着してあり、これらのガイド部材39、40、41には串焼器本体1の前、後面部

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1 b、1 dに平行させてプレート4 2が固着してあって、上面のみが開口した串受け部材収容部4 3が形成してある。そして、プレート4 2には左右方向に長い摺動孔4 4が形成してある。前記串受け部材収容部4 3の底部にはスライドブロック4 5が横のガイド部材4 1に沿って移動可能に設けてあり、このスライドブロック4 5に上面は右方に傾く傾斜面4 6が形成してある。また、スライドブロック4 5にはハンドルピン4 7が取り付けてあって、ハンドルピン4 7は前記摺動孔4 4より外方に突出している。

【0034】また、前記串受け部材収容部4 3内には、上縁部に左右方向に所定の間隔をおいて切欠きよりなる串受け部4 8 aを複数形成した串受け部材4 8が挿入してあり、この串受け部材4 8の左、右端部は左右の縦のガイド部材3 9、4 0に接接しており、また、串受け部材4 8の下端部は右に傾斜する傾斜面4 9に成されていて、この傾斜面4 9に前記スライドブロック4 5の傾斜面4 6が接接している。また、前記串受け部材4 8には上下方向に長いガイド孔5 0が形成してあり、このガイド孔5 0に前記串焼器本体1の前、後面部1 b、1 dを貫通した状態で固定されたピン5 1が挿入されている。

【0035】したがって、図11(1)に示すように前記ハンドルピン4 7を指で摘んで左方向に押して前記スライドブロック4 5を左方向に移動することにより、前記串受け部材4 8が自重で下降して前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材4 8の串受け部4 8 aの中心(串3 1の中心)bまでの距離がR 1になる。

【0036】また、図11(1)の状態から図11(2)の状態に前記ハンドルピン4 7を指で摘んで右方向に押して前記スライドブロック4 5を右方向に移動することにより、前記串受け部材4 8が傾斜面4 9に押されて上昇して前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材4 8の串受け部4 8 aの中心(串3 1の中心)bまでの距離がR 2(>R 1)になる。

【0037】さらに、図11(2)の状態から図11(3)の状態に前記ハンドルピン4 7を指で摘んで左方向に押して前記スライドブロック4 5を左方向に移動することにより、前記串受け部材4 8が傾斜面4 9に押されて上昇して前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材4 8の串受け部4 8 aの中心(串3 1の中心)bまでの距離がR 3(>R 2)になる。

【0038】上記のように前記ハンドルピン4 7を操作して前記スライドブロック4 5を移動することにより前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材4 8の串受け部4 8 aの中心(串3 1の中心)bまでの距離を、R 1、R 2、R 3と変化させて、前記串3 1と前記ヒーター1 1との間の距離Lを無段階

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に可変にすることにより、焼き具合を制御する。

【0039】(実施例5)この実施例は、図12及び図13に示すように前記串3 1と前記ヒーター1 1との間の距離Lを2段階に可変にすることにより、焼き具合を制御するようにしたものである。

【0040】すなわち、上縁部に長手方向に所定の間隔をおいて切欠きよりなる串受け凹部5 2 aを複数形成した串受け部材5 2を別に用意してあり、この串受け部材5 2は、その左右に、凹部5 3 aを有する上段の横孔部5 3、凹部5 4 aを有する中段の横孔部5 4、凹部5 5 aを有する下段の横孔部5 5とこれらの横孔部5 3、5 4、5 5を縦に連ねる連絡孔部5 6から成る段付き孔5 7をそれぞれ同じ方向に向けて形成し、串受け部材5 2の左右に外方に突出する摘み部材5 8を取り付けて構成してある。

【0041】そして、前記串焼器本体1の前、後面部1 b、1 dの左右に取り付けたピン部材5 9、6 0を前記段付き孔5 7を貫通させて、これらピン部材5 9、6 0の貫通端部に抜け止め部材6 1、6 2を取り付けて、前記串焼器本体1の前、後面部1 b、1 dに串受け部材5 2が設けてある。

【0042】したがって、前記摘み部材5 8を摘んで串受け部材5 2を、前記ピン部材5 9、6 0を段付き孔5 7の連絡孔部5 6に沿わせて移動させて、例えば、前記ピン部材5 9、6 0を上段および中段の横孔部5 3、5 4の凹部5 3 a、5 4 aに挿入することにより、前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材5 2の串受け部5 2 aの中心(串3 1の中心)bまでの距離Sを最小にし、前記ピン部材5 9、6 0を中段および下段の横孔部5 4、5 5の凹部5 4 a、5 5 aに挿入することにより、前記串焼器本体1の前、後面部1 b、1 dの上縁aから前記串受け部材5 2の串受け部5 2 aの中心(串3 1の中心)bまでの距離Sを最大にして前記距離Lを変えて、焼き具合を制御する。

【0043】前記段付き孔5 7は、上記したものに限らず、3~6段形式のものであってもよい。

【0044】

【発明の効果】以上説明したように、本発明は、底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部の下部を開口して、受け皿の出入れ口部を形成し、前記串焼器本体の相対向する一対の面部の上縁側に複数の串受け部を設け、前記串焼器本体内を串焼域に成し、この串焼域にヒーターを配置したから、前記串焼器本体の串受け部に、肉等を串刺した串の先部および手元部を載せることにより、前記串焼域に肉等を位置させ、前記ヒーターに通電し、これを赤熱させて肉等を串焼することができ、特に、持ち運びが容易で、卓上に置いて数人で串焼きを楽しむことができる。

【0045】また、本発明は、底面部を有しつつ上面が開口した筐体構成の串焼器本体の相対向する一対の面部

の下部を開口して、受け皿の出入れ口部を形成し、串焼器本体の相対向する一対の面部の上縁側に、串焼器本体とは別体の串受け部材を上下方向に移動調整可能に設けたから、前記串と前記ヒーターとの間の距離 l を可変にして、焼き具合を制御することができる。

【0046】また、本発明は、串焼器本体に、串受け部材を上下方向に移動調整を行う移動調整機構を設けたから、この移動調整機構を操作することにより前記串と前記ヒーターとの間の距離 l を可変にして、焼き具合を制御することができる。

【図面の簡単な説明】

【図1】本発明に係わる串焼器の一実施例の分解状態の斜視図である。

【図2】同串焼器の正面図である。

【図3】同串焼器の平面図である。

【図4】図2のW方向からの矢視図である。

【図5】(1)は本発明に係わる串焼器の串焼器本体の他の実施例の斜視図である。(2)は串焼器本体の串受け部の他の実施態様の一部省略した斜視図である。

【図6】串受け部材の斜視図である。

【図7】(1)、(2)は串焼器本体の前、後面部の上縁から串受け部材の串受け部の中心(串の中心)までの距離を変える場合の説明図である。

【図8】本発明に係わる串焼器の串焼器本体の他の実施例の斜視図である。

【図9】同串焼器本体における串受け部材の上下調整機構の一部省略した正面図である。

【図10】図9のX-X線に沿う断面図である。

【図11】(1)、(2)、(3)は串受け部材の上下調整機構の作動説明図である。

【図12】串受け部材の他の上下調整機構の一部省略した正面図である。

【図13】図12のY-Y線に沿う断面図である。

【符号の説明】

1 串焼器本体

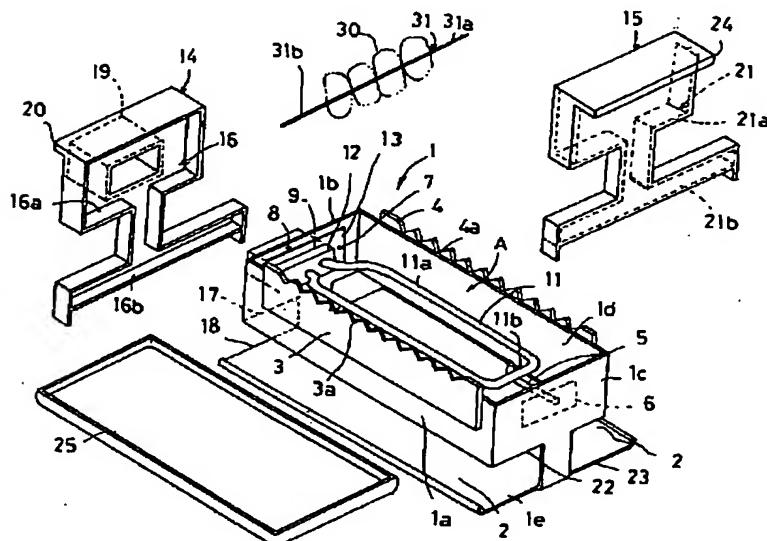
2 出入れ口部

3、4 串受け部材

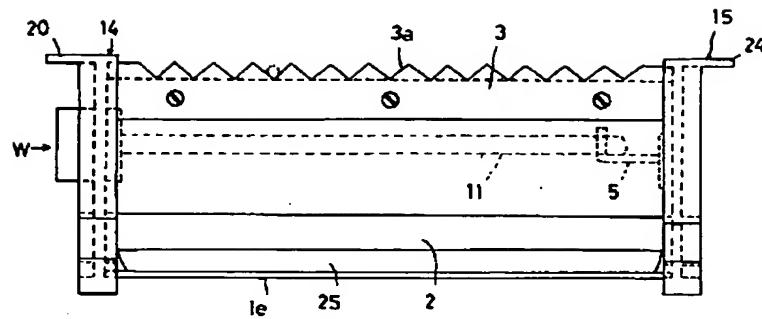
3a、4a 串受け部

11 ヒーター

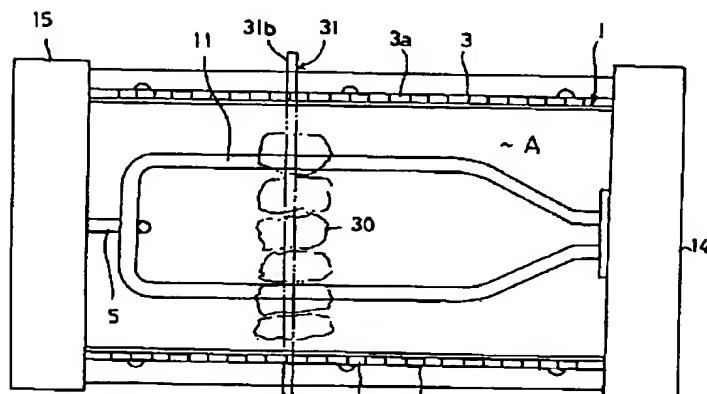
【図1】



【図2】



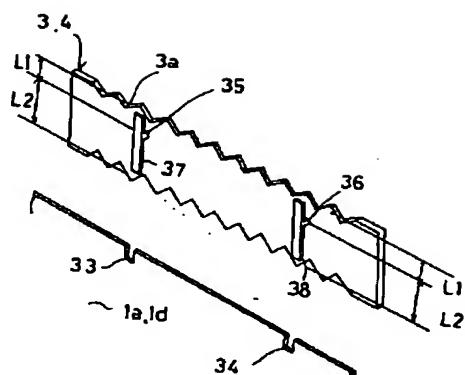
【図3】



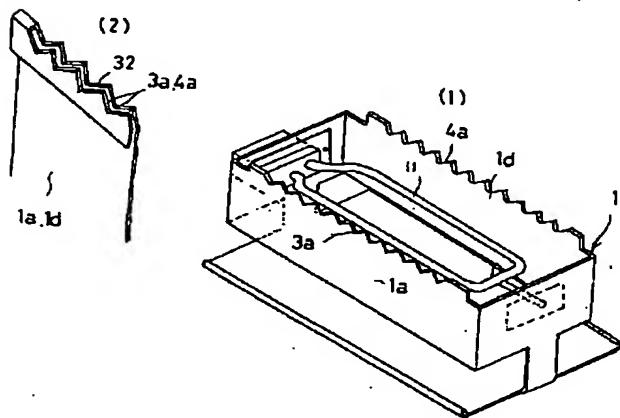
1 部品本体
2 出入口部
3、4 単受け部材
3a、4a、単受け部

31b
31
3a
3
11
A
4
4a
30
5
14
31a

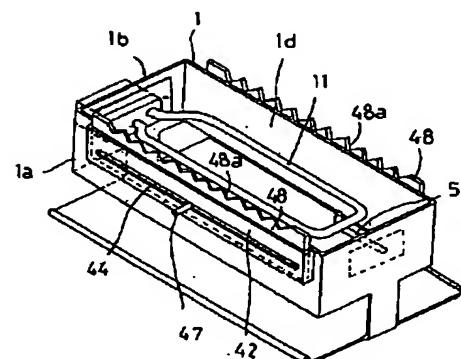
【図6】



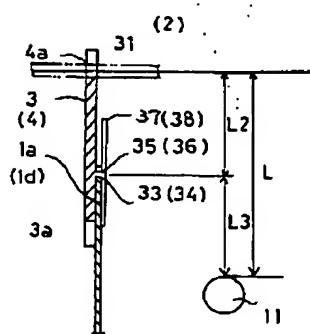
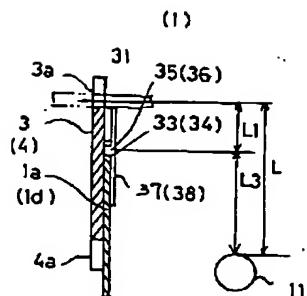
【図5】



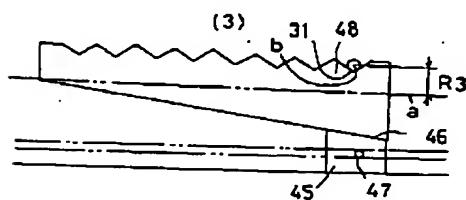
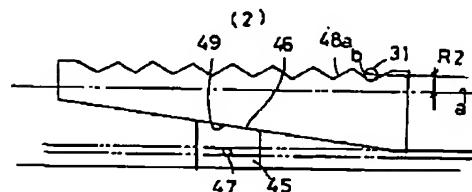
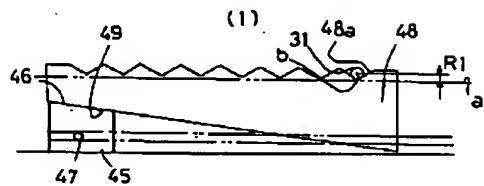
【図8】



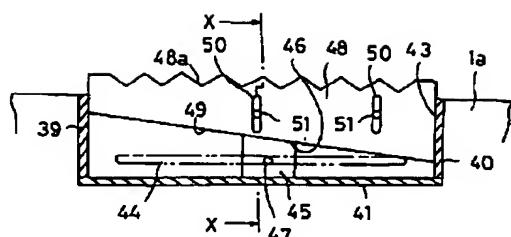
【図7】



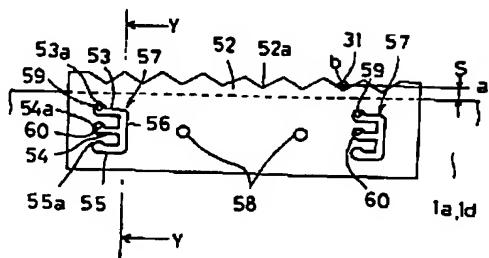
【図11】



【図9】



【図12】



PATENT ABSTRACTS OF JAPAN

(11) Publication number : 07-213433

(43) Date of publication of application : 15.08.1995

(51) Int. CI. A47J 37/04

(21) Application number : 06-033226 (71) Applicant : MIYAMOTO MASATO

(22) Date of filing : 07.02.1994 (72) Inventor : MIYAMOTO MASATO

(54) SPIT ROASTER

(57) Abstract:

PURPOSE: To provide the spit roaster which is easy to handle, enables several persons to enjoy spit roasting while being placed over a table, and thereby exclusively used to roast meat and the like on skewers.

CONSTITUTION: The lower section of the paired opposite surface sections of a spit roaster main body 1 in a chassis shape, is opened, which is so constituted that it has a bottom surface section and its upper surface is opened, an entrance section 2 for a receiving pan is formed, a plurality of skewer receiving recessed sections 3 and 4 are formed over the upper peripheries of the paired opposite surfaces of the spit roaster 1, the inside of the spit roaster 1 is formed into a spit roasting area A, and a heater 11 is disposed in the spit roasting area A.

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3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] ***** which carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which h

as the base section and the upper surface carried out opening carries out phase opposite, and is characterized by having formed the receipts-and-payments mouth section of a saucer, having prepared two or more skewer receptacle sections in the upper-limb side of the field section of the couple in which the aforementioned ***** main part carries out phase opposite, having accomplished the inside of the aforementioned ***** main part to ***** , and having arranged the heater to this *****.

[Claim 2] ***** characterized by preparing the skewer receptacle member of another object with a ***** main part at the upper-limb side of the field section of the couple in which carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite, and forms the receipts-and-payments mouth section of a saucer, and a *** main part carries out phase opposite.

[Claim 3] ***** characterized by preparing possible [a ***** main part] for move adjustment of the skewer receptacle member of another object at the upper-limb side of the field section of the couple in which carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite, and forms the receipts-and-payments mouth section of a saucer, and a ***** main part carries out phase opposite.

[Claim 4] On a main part, set a predetermined interval to a longitudinal direction and two or more skewer receptacle sections are formed in a lower edge. a skewer receptacle -- a member -- Protrude a stop salient on right and left of the rear face of a main part, and distance L1 from these stop salients to one skewer receptacle section is made smaller than the distance L2 from a stop salient to the skewer receptacle section of another side. a skewer receptacle -- a member -- the edge of a stop salient -- a skewer receptacle -- a member -- a main part and the skewer receptacle member which fixed the contact member to abbreviation parallel -- having -- this skewer receptacle member -- the aforementioned skewer receptacle -- a member -- between a main part and the aforementioned contact member ***** according to claim 3 which inserted the upper-limb section of the rear-face section, and was attached in the aforementioned ***** main part removable before the aforementioned ***** main part.

[Claim 5] ***** according to claim 3 which established the move adjustment mechanism in which were performed a skewer receptacle member on a ***** main part, and move adjustment was performed in the vertical direction.

[Claim 6] The guide member of length on either side and a horizontal guide member are fixed to the side front of the rear-face section before the aforementioned ***** main part. Parallel before a ***** main part and the rear-face section in the guide member of length on either side at least, and a plate is fixed. Form a hole and it prepares in the guide member of the aforementioned width possible [movement of a slide block]. sliding long to a longitudinal direction on this plate -- Form the upper surface of this slide block in an inclined plane, and a handle pin is attached in a slide block. this handle pin -- the aforementioned sliding -- the method of outside [hole] -- projecting -- the guide of the length of the aforementioned right and left -- a member -- inside the skewer receptacle member which set the predetermined interval to the longitudinal direction and formed two or more skewer receptacle sections in the upper-limb section -- inserting -- this skewer receptacle -- ***** according to claim 3 which formed th

e inclined plane in slide contact with the inclined plane of the aforementioned slide block in the soffit section of a member

[Claim 7] Set a predetermined interval to a longitudinal direction and two or more skewer receptacle sections are formed in the upper-limb section of a main part. a skewer receptacle -- a member -- A hole is formed. a skewer receptacle -- a member -- with [which changes from the connection pore which puts the side hole sections covering two or more steps, and these side hole sections in a row perpendicular to right and left of a main part in the vertical direction] the stage -- a skewer receptacle -- a member -- the knob which projects on a main part at the method of outside -- a member -- the pin member which was equipped with the installation **** receptacle member and attached in right and left of the rear-face section before the aforementioned ***** main part -- with [aforementioned] the stage -- ***** according to claim 3 which was made to penetrate a hole and prepared the skewer receptacle member in the rear-face section before the aforementioned ***** main part

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] this invention relates to ***** only for skewers which carried out the food on a skewer of the meat etc.

[0002]

[Description of the Prior Art] The skewer which carried out the food on a skewer of the meat etc. was carried, roasted, burned and carried out on the wire gauze hung on the charcoal brazier when the skewer which carried out the food on a skewer of the meat etc. was roasted, burned and carried out, or the spittrack part was prepared before and after the heating unit prepared in the center in business purposes, and it was [the thing / that it carries out that carry / the section of a hand / the section of the point skewer / which carried out the food on a skewer of the meat etc. to these spittrack parts / and] roasting

[0003]

[Problem(s) to be Solved by the Invention] However, if it was in the above-mentioned conventional ***** for business, the present condition was being unable to say that gas's is used for the source of heating in order to roast, burn and carry out many skewers once, carrying puts on about [being inconvenient] and aatable, and foods grilled on skewers are enjoyed by several persons.

[0004] The place which accomplishes this invention paying attention to the above-mentioned trouble, and is made into the 1st purpose is easy to carry, and it is to offer ***** only for skewers which can place on a desk and can be referred to as enjoying foods grilled on skewers by several persons and which carried out the food on a skewer of the meat etc.

[0005] Moreover, the place made into the 2nd purpose of this invention is to make distance L between a skewer and a heater adjustable, and offer ***** which can control a baked condition.

[0006]

[Means for Solving the Problem] In order to attain the 1st above-mentioned purpose, this invention Opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite is car

ied out. The receipts-and-payments regio oralis of a saucer is formed, two or more skewer receptacle sections are prepared in the upper-limb side of the field section of the couple in which the aforementioned ***** main part carries out phase opposite, the inside of the aforementioned ***** main part is accomplished to ***** , and it is characterized by having arranged the heater to this *****.

[0007] Moreover, in order to attain the 1st above-mentioned purpose, this invention carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite, forms the receipts-and-payments regio oralis of a saucer, and is characterized by preparing the skewer receptacle member of another object with a ***** main part at the upper-limb side of the field section of the couple in which a ***** main part carries out phase opposite.

[0008] Moreover, it is characterized by preparing possible [a ***** main part] for move adjustment of the skewer receptacle member of another object at the upper-limb side of the field section of the couple in which this invention carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite, forms the receipts-and-payments regio oralis of a saucer, and a ***** main part carries out phase opposite in order to attain the 2nd above-mentioned purpose.

[0009] In order to attain the 2nd above-mentioned purpose, moreover, this invention On a main part, set a predetermined interval to a longitudinal direction and two or more skewer receptacle sections are formed in the margo-inferior section. ***** according to claim 3 -- setting -- a skewer receptacle -- a member -- Protrude a stop salient on right and left of the rear face of a main part, and distance L1 from these stop salients to one skewer receptacle section is made smaller than the distance L2 from a stop salient to the skewer receptacle section of another side. a skewer receptacle -- a member -- the edge of a stop salient -- a skewer receptacle -- a member -- a main part and the skewer receptacle member which fixed the contact member to abbreviation parallel -- having -- this skewer receptacle member -- the aforementioned skewer receptacle -- a member -- before the aforementioned ***** main part, the upper-limb section of the rear-face section was inserted between the main part and the aforementioned contact member, and it attached in the aforementioned ***** main part removable

[0010] Moreover, in order to attain the 2nd above-mentioned purpose, this invention established the move adjustment mechanism in which performed a skewer receptacle member on a ***** main part, and it performed move adjustment in the vertical direction, in ***** according to claim 3.

[0011] In order to attain the 2nd above-mentioned purpose, moreover, this invention In ***** according to claim 3, the guide member of length on either side and a horizontal guide member are fixed to the side front of the rear-face section before the aforementioned ***** main part. Parallel before a ***** main part and the rear-face section in the guide member of length on either side at least, and a plate is fixed. Form a hole and it prepares in the guide member of the aforementioned width possible [movement of a slide block]. sliding long to a longitudinal direction on this plate -- Form the upper surface of this slide block in an inclined plane, and a handle pin is attached in a slide block. this handle pin -- the aforementioned sliding -- the method of outside [hole] -- projecti

ng -- the guide of the length of the aforementioned right and left -- a member -- inside the skewer receptacle member in which two or more skewer receptacle sections which set a predetermined interval to a longitudinal direction and turn into the upper-limb section from a notch were formed -- inserting -- this skewer receptacle -- the inclined plane in slide contact with the inclined plane of the aforementioned slide block was formed in the soffit section of a member [0012] In order to attain the 2nd above-mentioned purpose, moreover, this invention Set a predetermined interval to a longitudinal direction and two or more skewer receptacle sections are formed in the upper-limb section of a main part. *** *** according to claim 3 -- setting -- a skewer receptacle -- a member -- A hole is formed. a skewer receptacle -- a member -- with [which changes from the connection pore which puts the side hole sections covering two or more steps, and these side hole sections in a row perpendicularly to right and left of a main part in the vertical direction] the stage -- a skewer receptacle -- a member -- the knob which projects on a main part at the method of outside -- a member -- the pin member which was equipped with the installation **** receptacle member and attached in right and left of the rear-face section before the aforementioned *** main part -- with [aforementioned] the stage -- the hole was made to penetrate and the skewer receptacle member was prepared in the rear-face section before the aforementioned ***** main part

[0013]

[Function] By this composition, by carrying the point section and the hand section of a skewer which carried out the food on a skewer of the meat etc. to the skewer receptacle section of the aforementioned ***** main part, locate meat etc. in the aforementioned ***** energize at the aforementioned heater, this is made to burn, and meat etc. is ****(ed). Moreover, distance L between the aforementioned skewer and the aforementioned heater is made adjustable, and a baked condition is controlled.

[0014]

[Example] Hereafter, one example of this invention is explained based on a drawing. The perspective diagram of the decomposition state to which ***** concerning this invention abbreviated drawing 1 the part, and drawing 2 are [the plan of this ***** and drawing 4 of the front view of this ***** and drawing 3] the view views from drawing 2 W.

[0015] It is the case composition in which ***** concerning this invention is equipped with the ***** main part 1 which consisted of sheet metal made from stainless steel, and this ***** main part 1 has front section 1a, the left and the right face sections 1b and 1c, 1d of rear-face sections, and base section 1e, and the upper surface carried out opening, and the front, opening of the lower part which are the rear-face sections 1a and 1d is carried out, and it constitutes the receipts-and-payments mouth section 2 of a saucer. and -- the before the aforementioned ***** main part 1 and rear-face sections [1a and 1d] top exterior -- a skewer receptacle -- members 3 and 4 are fixed these skewer receptacles -- the skewer receptacle sections 3a and 4a which set a predetermined interval in the upper-limb section of members 3 and 4 at a longitudinal direction, and consist of two or more notches are formed, and these skewer receptacle sections 3a and 4a are projected before the aforementioned ***** main part 1 more nearly up than a rear-face sections [1a and 1d] upper limb a skewer receptacle -- members 3 and 4 consist of a bad thermally conductive material, for example, ceramics etc. And opening of the upper surface of the aforementioned ***** main part 1

has accomplished to ***** A.

[0016] Moreover, the central upper part of the inside of right face section 1c of the aforementioned ***** main part 1 is equipped with the hook 5. That is, this hook 5 is carrying out the side configuration of L characters, the tie-down plate 6 is fixed in the base, and this tie-down plate 6 is fixed to the inside of right face section 1c of the ***** main part 1.

[0017] Moreover, the heater attachment section 8 is formed in the central upper part of left side part 1b of the aforementioned ***** main part 1. This heater attachment section 8 is equipped with the insertion pore 9 which carried out opening to the aforementioned left side part 1b.

[0018] A heater 11 is a thing using electric heat, is crooked in the abbreviation configuration for U characters in cylindrical main part of heater 11a, and connects the both ends of main part of heater 11a to a socket 12. And the attachment Itabe material 13 is fixed to this socket 12.

[0019] And in the socket 12 of the aforementioned heater 11, the aforementioned heater 11 hooks part 11b of an opposite side on the aforementioned hook 5, and has equipped the aforementioned ***** main part 1 with it while it inserts the socket 12 in the aforementioned insertion pore 9 and fixes the attachment Itabe material 13 on a screw 7 to the inside of left side part 1b of the aforementioned ***** main part 1.

[0020] Moreover, the thermal-shield boards 14 and 15 are attached in the left of the aforementioned ***** main part 1, and the right face sections 1b and 1c on the screw (not shown) etc. The left-hand side thermal-shield board 14 is set by the configuration of the left-hand side section of the aforementioned ***** main part 1, and the receptacle section 16 which receives the whole left-hand side section of the aforementioned ***** main part 1 is formed in the inside of this thermal-shield board 14. That is, this receptacle section 16 has top receptacle side 16a which receives the lower edge 17 of left side part 1b of the aforementioned ***** main part 1, and bottom receptacle side 16b which receives the left brink section 18 in base section 1e of the ***** main part 1. Moreover, the socket case section 19 makes the method of outside project to the thermal-shield board 14, and it has formed in it, and the handle section 20 which projects in the method of outside is formed in the upper surface section of the thermal-shield board 14.

[0021] And the left-hand side thermal-shield board 14 is top receptacle side 16a of the receptacle section 16, and received the lower edge 17 of left side part 1b of the aforementioned ***** main part 1, the left brink section 18 of base section 1e of the ***** main part 1 is received by bottom receptacle side 16b, the aforementioned socket 12 is inserted in the socket case section 19, and the left-hand side thermal-shield board 14 is fixed to left side part 1b of the aforementioned ***** main part 1 on the screw etc.

[0022] Moreover, the right-hand side thermal-shield board 15 is set by the configuration of the right-hand side section of the aforementioned ***** main part 1, and the receptacle section 21 which receives the whole right-hand side section of the aforementioned ***** main part 1 is formed in the inside of this thermal-shield board 15. That is, this receptacle section 21 has top receptacle side 21a which receives the lower edge 22 of right face section 1c of the aforementioned ***** main part 1, and bottom receptacle side 21b which receives the right edge 23 in base section 1e of the ***** main part 1. Moreover, the handle section 24 which projects in the method of outside is formed in the upper surface sec

tion of the thermal-shield board 15.

[0023] And the right-hand side thermal-shield board 15 is top receptacle side 21 a of the receptacle section 21, and received the lower edge 22 of right face section 1c of the aforementioned ***** main part 1, the left brink section 23 of base section 1e of the ***** main part 1 is received by bottom receptacle side 2 1b, and the right-hand side thermal-shield board 15 is fixed to right face section 1c of the aforementioned ***** main part 1 on the screw etc.

[0024] Moreover, the saucer 25 is put on base section 1e of the aforementioned ***** main part 1. Moreover, you may form the switch 26 to the aforementioned heater 11 which turns energization on and off, and the control section 27 which controls the supply current to the aforementioned heater 11, and controls the calorific value of a heater 11 in the left-hand side thermal-shield board 14.

[0025] Next, use of ***** constituted as mentioned above is explained. The plug (neither is illustrated) of the code from a power supply side is connected to the aforementioned socket 12, the ON operation of the aforementioned switch 26 is carried out, it energizes at a heater 11, and this is made to burn. And by putting point section 31a of a skewer 31 and hand section 31b which carried out the food on a skewer of the meat 30 grade on the skewer receptacle crevices 3 and 4 of the aforementioned ***** main part 1, meat 30 grade is located in aforementioned ***** A, and meat 30 grade is ****(ed). Moreover, the aforementioned control section 27 is operated and the calorific value of the aforementioned heater 1 1 is controlled.

[0026] Moreover, you may omit the switch 26 to the aforementioned heater 11 which turns energization on and off, and the control section 27 which controls the supply current to the aforementioned heater 11, and controls the calorific value of a heater 11.

[0027] (Example 2) the thing of this example -- the skewer receptacle of another object, without using members 3 and 4 As shown in drawing 5 (1), form the skewer receptacle sections 3a and 4a which set a predetermined interval to a longitudinal direction and turn into directly the rear-face sections [1a and 1d] top section from two or more notches before the aforementioned ***** main part 1, and in this case, although the rear-face sections [1a and 1d] top section is an one-sheet object before the aforementioned ***** main part 1 By bending the rear-face sections [1a and 1d] top section these fronts, as shown in drawing 5 (1), it may be made double-frame construction and a thermal break 32 may be formed in the interior. As this thermal break 32, there are an air space, a layer which packed thermal insulation material. Other composition is the same as that of the thing of the above-mentioned example 1.

[0028] (Example 3) This example controls a baked condition in two stages by making adjustable distance L between the aforementioned skewer 31 and the aforementioned heater 11.

[0029] the ** which does not form the skewer receptacle sections 3a and 4a in the rear-face sections [1b and 1d] upper-limb section before the aforementioned ***** main part 1 as shown in drawing 6 in order to make this distance L adjustable -- the skewer receptacle of another object -- members 3 and 4 are used That is, the stop sections 33 and 34 are formed in right and left of the rear-face sections [1b and 1d] upper-limb section before the aforementioned ***** main part 1. and the aforementioned skewer receptacle -- the skewer receptacle of members 3 and 4 -- a member -- in a lower edge on a main part Skewer receptacle section 3a which sets a predetermined interval to a longitudinal direction and becom

es it from two or more notches, 4a -- forming -- **** -- a skewer receptacle -- the stop salients 35 and 36 have protruded on the rear face of members 3 and 4, and distance L1 from these stop salients 35 and 36 to one skewer receptacle section 3a is made at it smaller than the distance L2 from the stop salients 35 and 36 to skewer receptacle section 4a of another side at right and left and -- the edge of the stop salients 35 and 36 -- a skewer receptacle -- members 3 and 4 and abbreviation parallel -- contact -- members 37 and 38 are fixed

[0030] and in using one skewer receptacle section 3a it is shown in drawing 7 (1) -- as -- skewer receptacle section 4a of another side -- the bottom -- carrying out -- contact -- members 37 and 38 and the aforementioned skewer receptacle -- between the rear faces of members 3 and 4 the before the aforementioned *** ** main part 1 and rear-face sections [1b and 1d] upper-limb section -- inserting in -- the stop salients 35 and 36 -- the stop sections 33 and 34 -- removable -- stopping -- the before the ***** main part 1 and rear-face sections [1b and 1d] upper-limb section -- the aforementioned skewer receptacle -- it equips with members 3 and 4 The distance L between the aforementioned skewer 31 in this case and the aforementioned heater 11 adds distance L1 and the distance L3 (regularity) from the aforementioned heater 11 to the stop salients 35 and 36.

[0031] and in enlarging more distance L between the aforementioned skewer 31 and the aforementioned heater 11 The stop salients 35 and 36 of members 3 and 4 are extracted from the stop sections 33 and 34. the aforementioned skewer receptacle -- a skewer receptacle -- members 3 and 4 being reversed, and upwards skewer receptacle section 4a of another side, as shown in drawing 7 (2) Insert between the rear faces of members 3 and 4 the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper-limb section, and the stop salients 35 and 36 are stopped removable in the stop sections 33 and 34. one skewer receptacle section 3a -- the bottom -- carrying out -- contact -- members 37 and 38 and the aforementioned skewer receptacle -- the before the ***** main part 1 and rear-face sections [1b and 1d] upper-limb section -- the aforementioned skewer receptacle -- it equips with members 3 and 4 The distance L between the aforementioned skewer 31 in this case and the aforementioned heater 11 adds distance L2 and the distance L3 (regularity) from the aforementioned heater 11 to the stop salients 35 and 36.

[0032] (Example 4) This example controls a baked condition by making adjustable distance L between the aforementioned skewer 31 and the aforementioned heater 11 at a stepless story, as shown in drawing 8 or drawing 11 .

[0033] namely, the guide of the length of the right and left to a before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] side front -- members 39 and 40 and a horizontal guide -- a member 41 -- fixing -- **** -- these guides -- the skewer receptacle in which members 39, 40, and 41 are parallel before the ***** main part 1 and in the rear-face sections 1b and 1d, has fixed the plate 42, and only the upper surface carried out opening -- a member -- the hold section 43 and sliding long to a longitudinal direction on a plate 42 -- the hole 44 is formed the aforementioned skewer receptacle -- a member -- the bottom of the hold section 43 -- a slide block 45 -- a horizontal guide -- along with the member 41, it has prepared possible [movement], and the inclined plane 46 to which the upper surface inclines at the method of the right is formed in this slide block 45 moreover -- a slide block 45 -- the handle pin 47 -- attaching -- **** -- the handle pin 47 -- the aforementioned sliding -- it has projected to the method of outside [hole / 44]

[0034] The member 48 is inserted. moreover, the aforementioned skewer receptacle -- a member -- the skewer receptacle in which two or more skewer receptacle section 48a which sets a predetermined interval to a longitudinal direction and becomes the upper-limb section from a notch was formed in the hold section 43 -- this skewer receptacle -- the left of a member 48, and the right end section -- the guide of length on either side -- members 39 and 40 -- ***ing -- *** -- moreover, a skewer receptacle -- the soffit section of a member 48 is accomplished to the inclined plane 49 which inclines on the right, and the inclined plane 46 of the aforementioned slide block 45 is in slide contact with this inclined plane 49 moreover, the aforementioned skewer receptacle -- a guide long in the vertical direction to a member 48 -- a hole 50 -- forming -- *** -- this guide -- the pin 51 fixed where the rear-face sections 1b and 1d are penetrated is inserted in the hole 50 before the aforementioned ***** main part 1

[0035] therefore, the thing for which the aforementioned handle pin 47 is gathered with a finger, it pushes leftward, and the aforementioned slide block 45 is moved leftward as shown in drawing 11 (1) -- the aforementioned skewer receptacle -- a member 48 -- a self-weight -- descending -- the aforementioned skewer receptacle from the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper limb a -- the distance to the center (center of a skewer 31) b of skewer receptacle section 48a of a member 48 is

[0036] Moreover, by gathering the aforementioned handle pin 47 in the state of drawing 11 (2) with a finger, pushing on it rightward from the state of drawing 11 (1), and moving the aforementioned slide block 45 rightward the aforementioned skewer receptacle -- a member 48 pushes on an inclined plane 49 -- having -- going up -- the aforementioned skewer receptacle from the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper limb a -- the distance to the center (center of a skewer 31) b of skewer receptacle section 48a of a member 48 is set to R2 (> R1)

[0037] Furthermore, by gathering the aforementioned handle pin 47 in the state of drawing 11 (3) with a finger, pushing on it leftward from the state of drawing 11 (2), and moving the aforementioned slide block 45 leftward the aforementioned skewer receptacle -- a member 48 pushes on an inclined plane 49 -- having -- going up -- the aforementioned skewer receptacle from the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper limb a -- the distance to the center (center of a skewer 31) b of skewer receptacle section 48a of a member 48 is set to R3 (> R2)

[0038] By operating the aforementioned handle pin 47 as mentioned above, and moving the aforementioned slide block 45, before the aforementioned ***** main part 1, the aforementioned skewer receptacle from the rear-face sections [1b and 1d] upper limb a -- a baked condition is controlled by changing the distance to the center (center of a skewer 31) b of skewer receptacle section 48a of a member 48 with R1, R2, and R3, and making adjustable distance L between the aforementioned skewer 31 and the aforementioned heater 11 at a stepless story

[0039] (Example 5) This example controls a baked condition by making distance L between the aforementioned skewer 31 and the aforementioned heater 11 into two stages adjustable, as shown in drawing 12 and drawing 13 .

[0040] namely, the skewer receptacle in which two or more skewer receptacle crevice 52a which sets a predetermined interval to a longitudinal direction and becomes the upper-limb section from a notch was formed -- a member 52 -- another -- preparing -- *** -- this skewer receptacle -- a member 52 Turn a hole 57 in the

respectively same direction, and it forms. with [which changes from the connection pore 56 which puts in a row perpendicularly the side hole section 53 of an upper case which has crevice 53a, the side hole section 54 of the middle which has crevice 54a, and the side hole sections 55 and these side hole sections 53, 54, and 55 of the lower berth which has crevice 55a to the right and left] the stage -- a skewer receptacle -- the knob which projects in right and left of a member 52 at the method of outside -- a member 58 is attached and it constitutes [0041] and the pin attached in right and left of the rear-face sections 1b and 1d before the aforementioned ***** main part 1 -- members 59 and 60 -- with [aforementioned] the stage -- a hole 57 is penetrated -- making -- these pins -- stop escaping at the penetration edge of members 59 and 60 -- members 61 and 62 -- attaching -- before the aforementioned ***** main part 1 and the rear-face sections 1b and 1d -- a skewer receptacle -- the member 52 is formed

[0042] Make the connection pore 56 of a hole 57 meet, and it is made to move. therefore, the aforementioned knob -- a member 58 -- gathering -- a skewer receptacle -- a member 52 -- the aforementioned pin -- members 59 and 60 -- with the stage -- for example, the aforementioned pin -- by inserting members 59 and 60 in the crevices 53a and 54a of the side hole sections 53 and 54 of an upper case and the middle Distance S to the center (center of a skewer 31) b of skewer receptacle section 52a of a member 52 is made into the minimum. the aforementioned skewer receptacle from the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper limb a -- the aforementioned pin -- by inserting members 59 and 60 in the crevices 54a and 55a of the side hole sections 54 and 55 of the middle and the lower berth the aforementioned skewer receptacle from the before the aforementioned ***** main part 1 and rear-face sections [1b and 1d] upper limb a -- distance S to the center (center of a skewer 31) b of skewer receptacle section 52a of a member 52 is made into the maximum, the aforementioned distance L is changed, and a baked condition is controlled

[0043] with [aforementioned] the stage -- a hole 57 may be the thing of not only a thing but the above-mentioned 3-6-step form

[0044]

[Effect of the Invention] As explained above, this invention carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite. Form the receipts-and-payments mouth section of a saucer, and two or more skewer receptacle sections are prepared in the upper-limb side of the field section of the couple in which the aforementioned ***** main part carries out phase opposite. By accomplishing the inside of the aforementioned ***** main part to ***** , and carrying the point section and the hand section of a skewer which carried out the food on a skewer of the meat etc. to the skewer receptacle section of a shell and the aforementioned *** main part which has arranged the heater to this ***** Meat etc. is located in the aforementioned ***** and it energizes at the aforementioned heater, and this can be made to be able to burn, meat etc. can be ****(ed), and it can be said that it is easy, and carrying places on a desk and enjoys foods grilled on skewers by several persons especially.

[0045] Moreover, this invention carries out opening of the lower part of the field section of the couple in which the ***** main part of the case composition in which has the base section and the upper surface carried out opening carries out phase opposite. The receipts-and-payments mouth section of a saucer is forme

d, to the upper-limb side of the field section of the couple in which a ***** main part carries out phase opposite, with a ***** main part, since the skewer receptacle member of another object was prepared possible [move adjustment in the vertical direction], distance L between the aforementioned skewer and the afo rementioned heater can be made adjustable, and a baked condition can be controlled.

[0046] Moreover, since the move adjustment mechanism in which this invention performed a skewer receptacle member on a ***** main part, and performed move adjustment in the vertical direction was established, by operating this move adjustment mechanism, distance L between the aforementioned skewer and the aforementioned heater can be made adjustable, and a baked condition can be controlled.

[Translation done.]